



FIG. 15

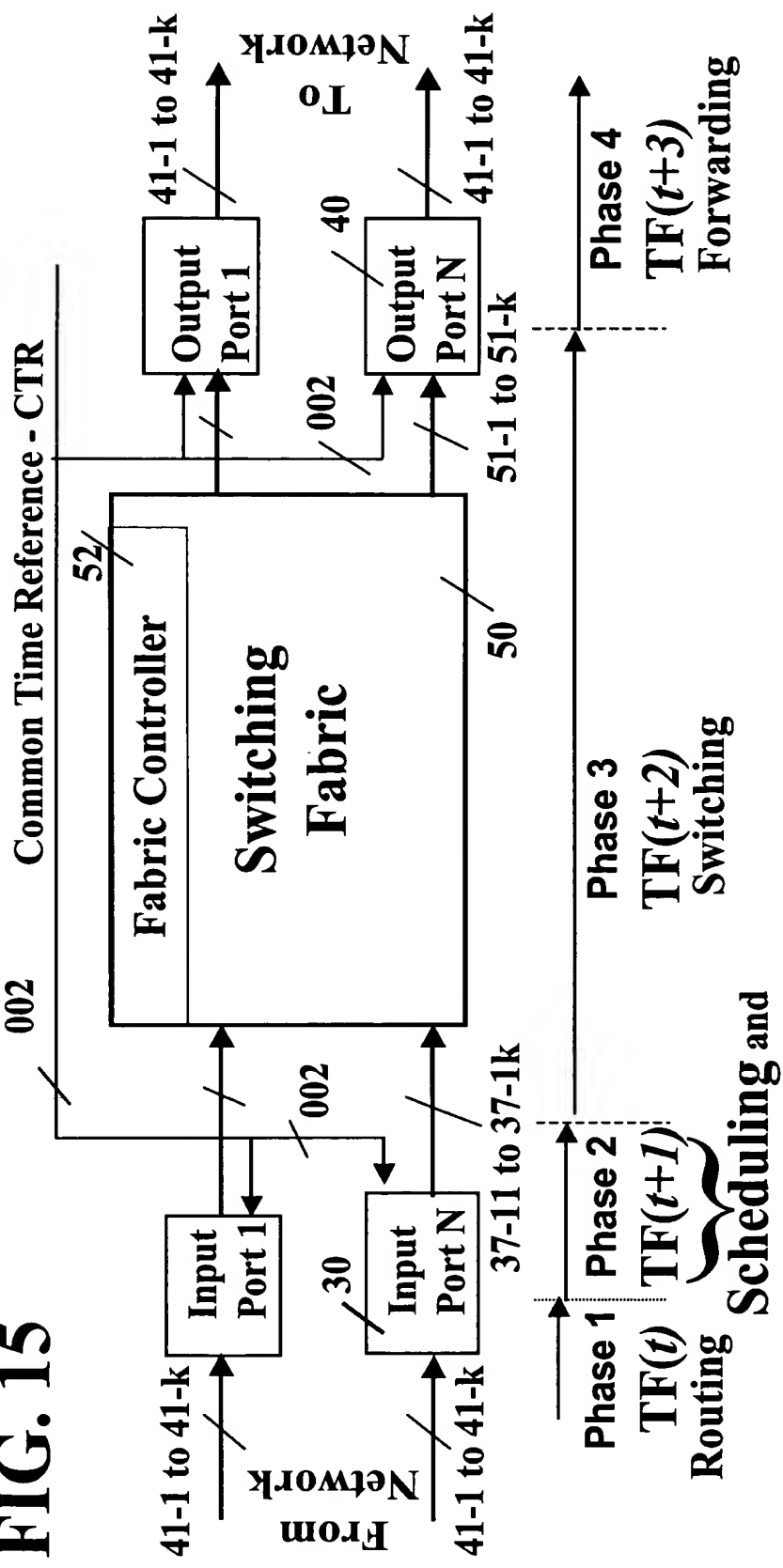
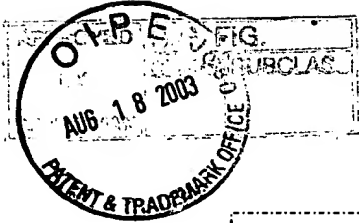


FIG. 25



FAST switching - Fabric controller - switching matrices -

$M(i,j,t)$ - for every time slot:

t - is defined by the triplet: $\begin{cases} -s - \# \text{ of slot positions in time frame} \\ -f - \# \text{ of frame positions in time cycle} \\ -c - \# \text{ of cycle positions in super cycle} \end{cases}$

[Total number of switching matrices - $M(i,j,t) - s*f*c$]

2510

Matrix $M(i,j,t)$, such that, $1 \leq t \leq s*f*c$: 4 output ports - j

4 input ports - i			
	output-1	output-2	output-3
input-1			
input-2		value,type	
input-3			
input-4			

value=0 - disconnect input port from output port
 value=1 - connect input port to output port
 type =0 - temporary value in this switching matrix
 type =1 - permanent value in this switching matrix

2500

FIG. 26

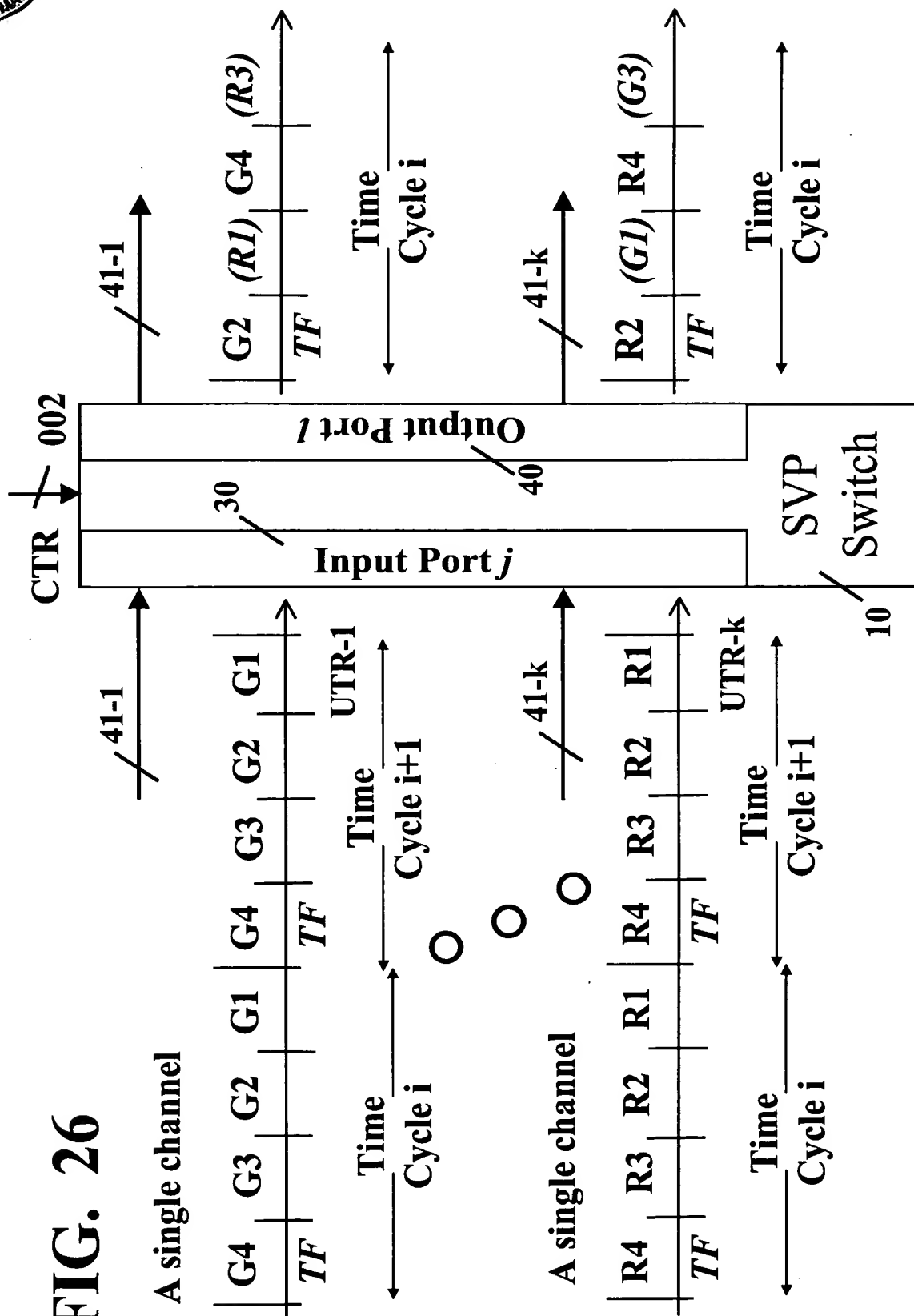


FIG. 28

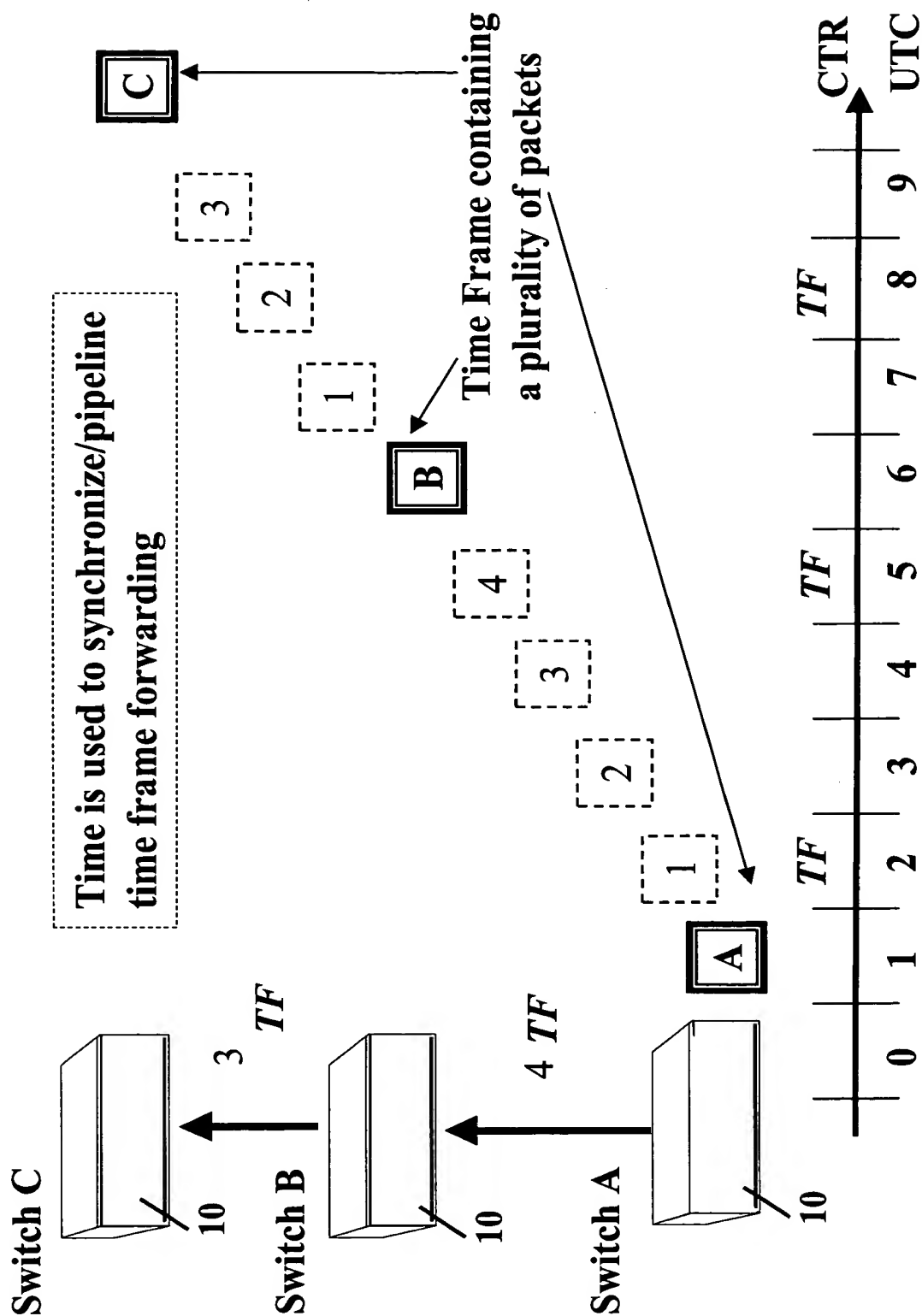


FIG. 32A

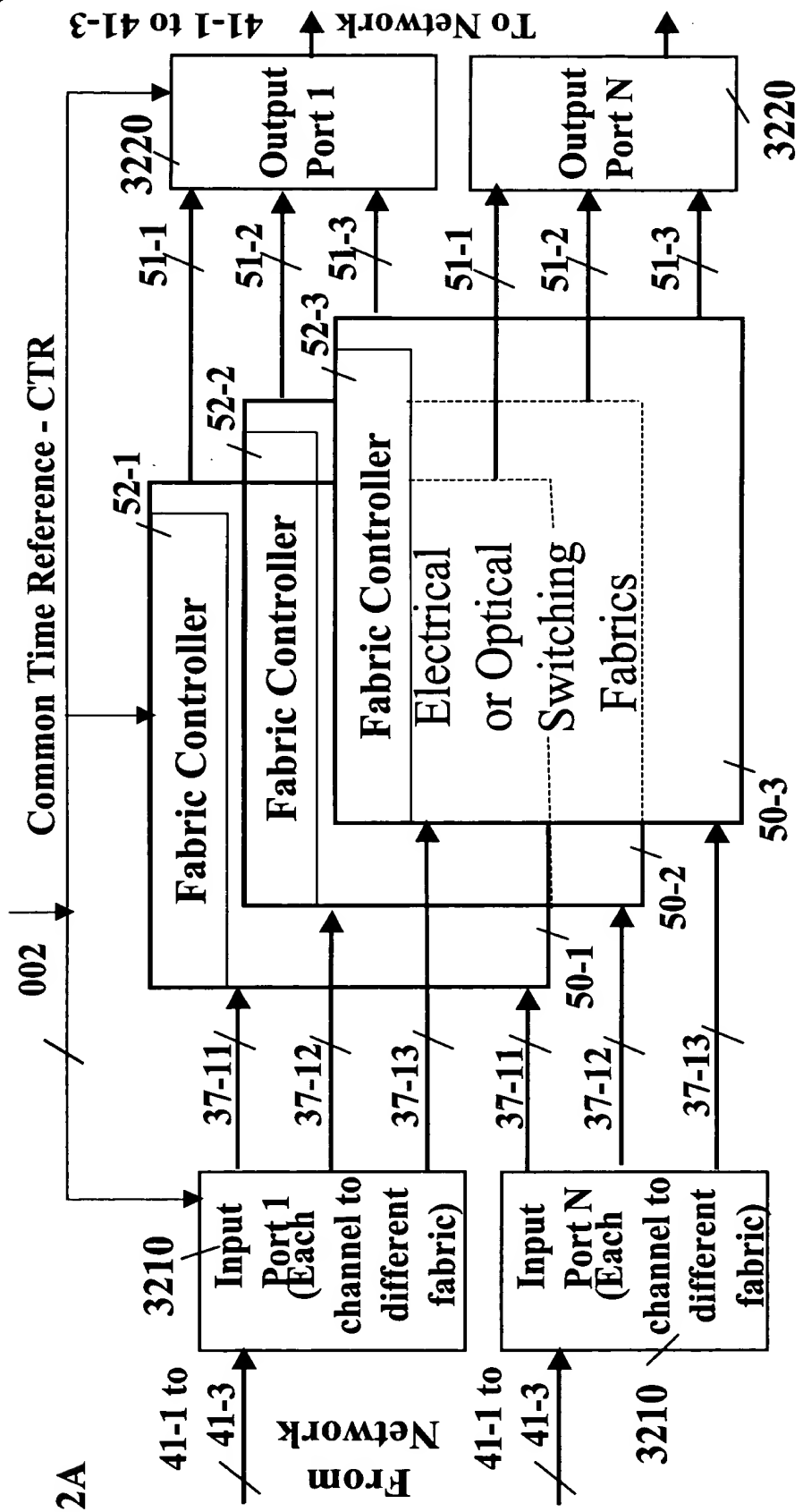


FIG. 32B

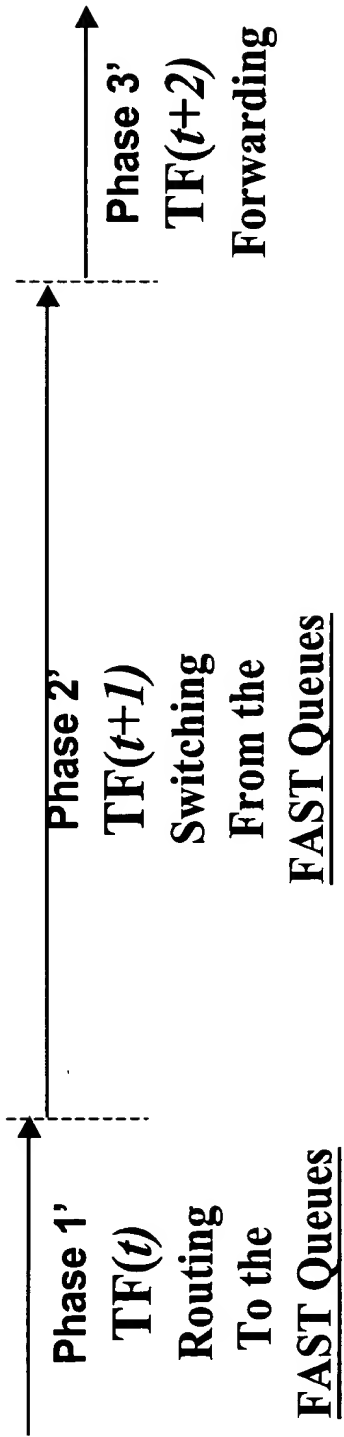


FIG. 33A

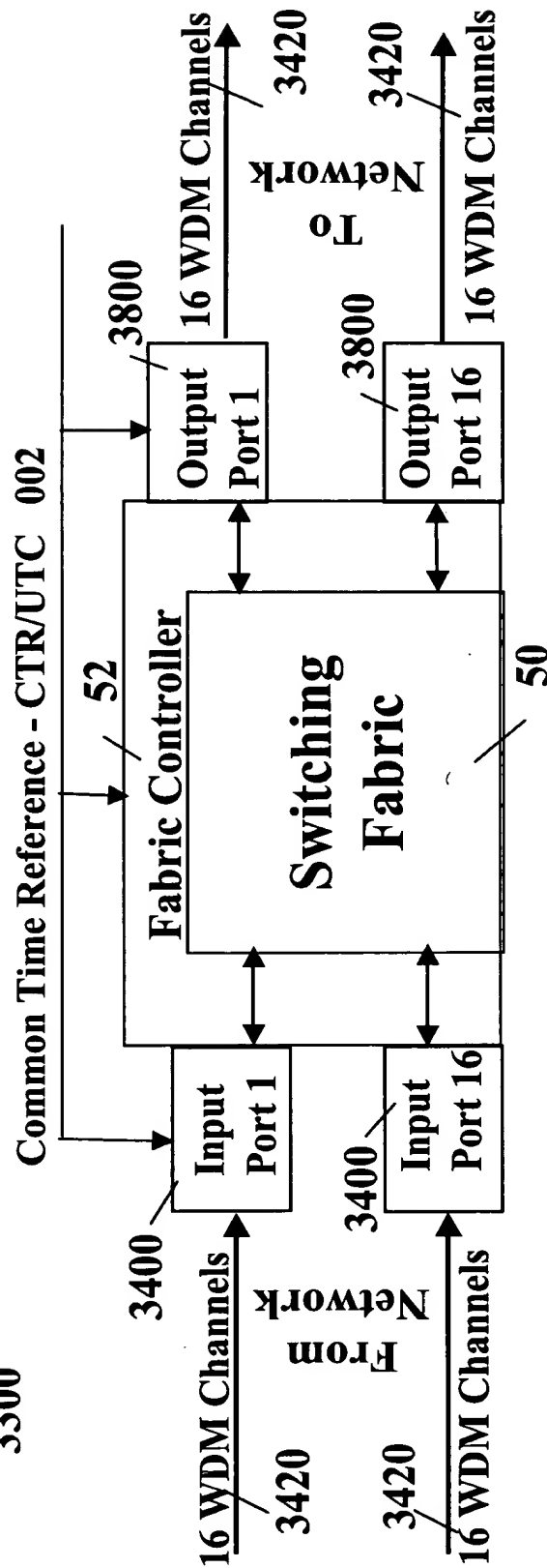
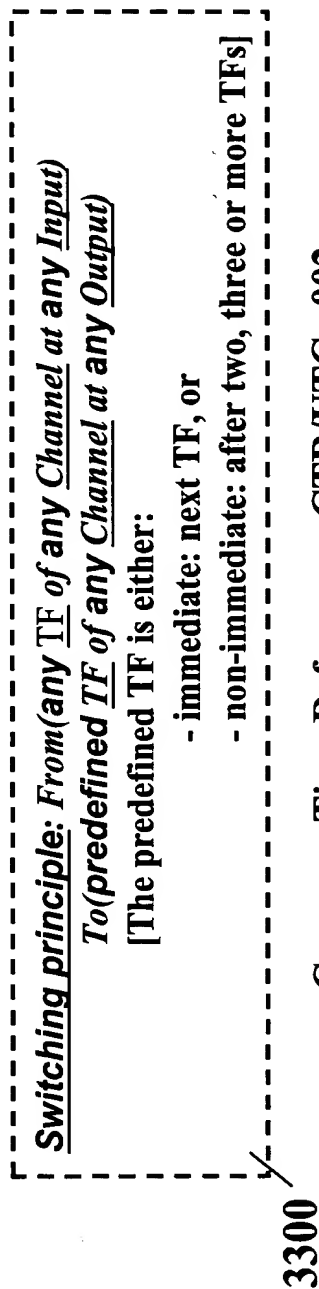


FIG. 33B

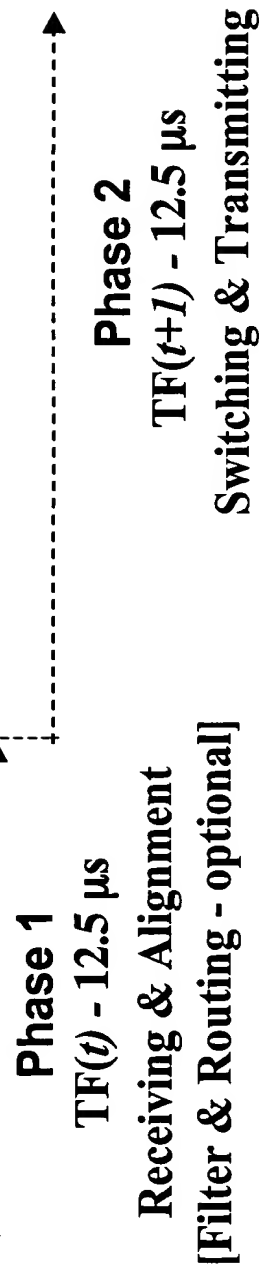


FIG. 37

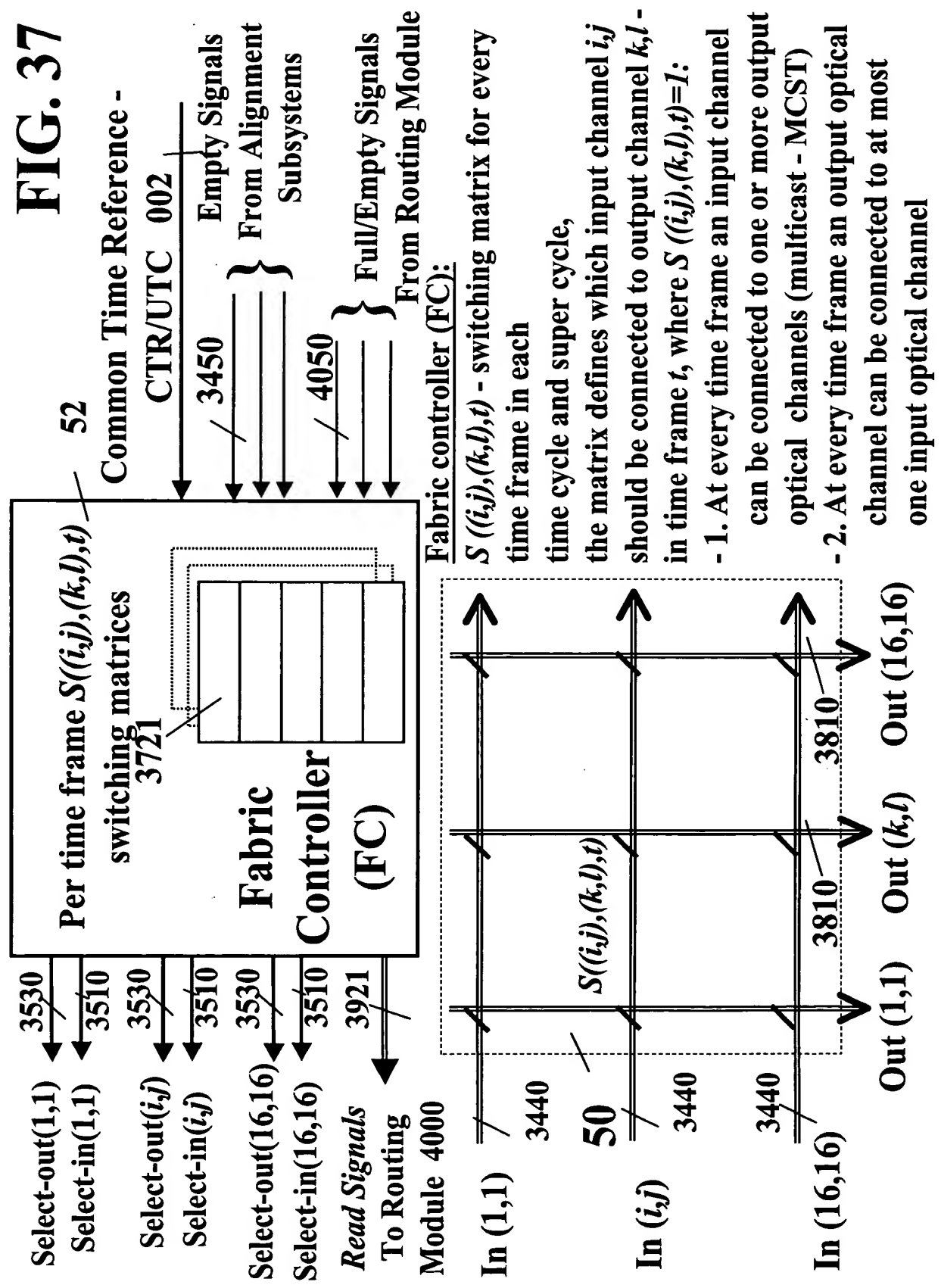


FIG. 41

Common Time Reference - CTR/UTC

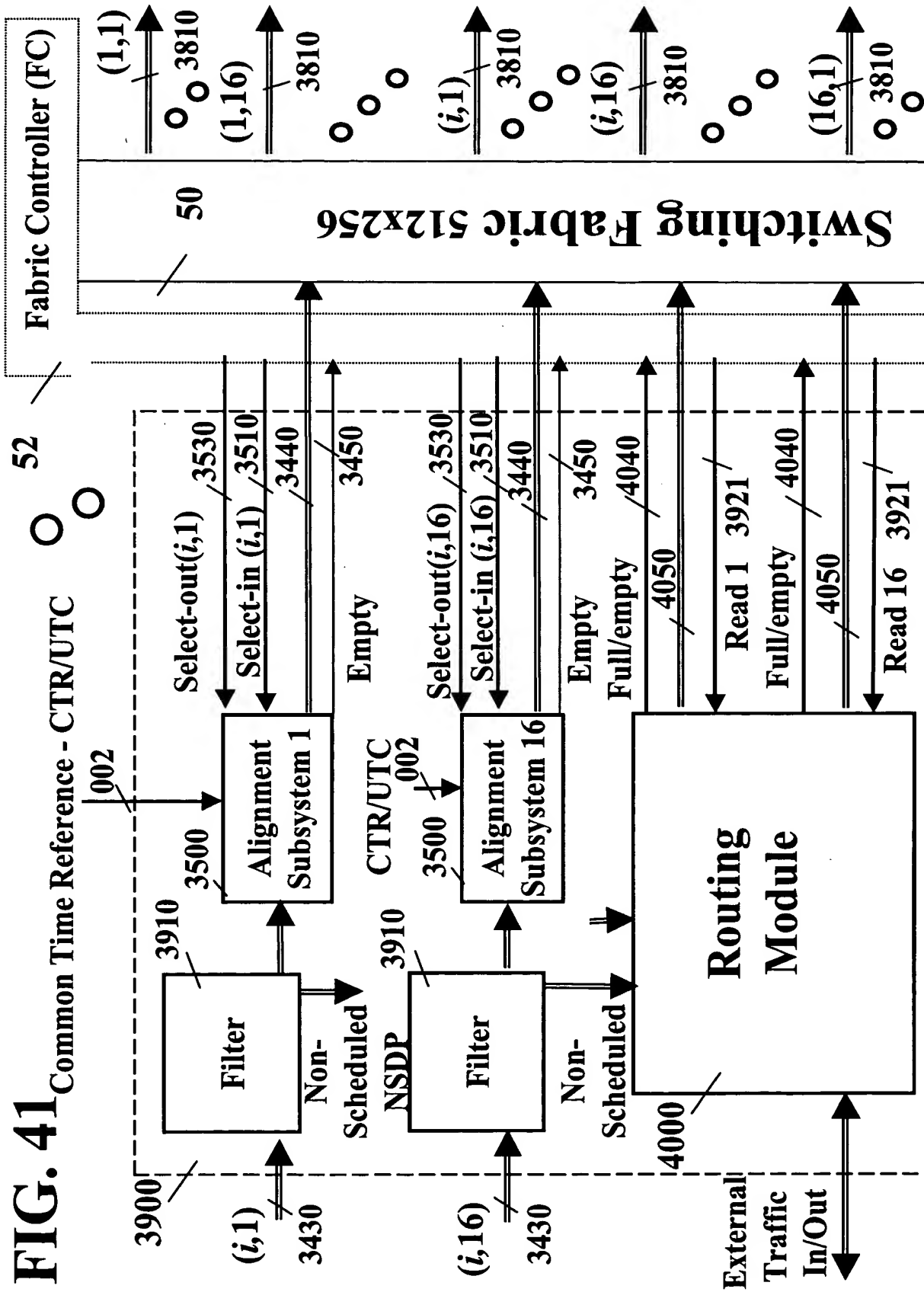


FIG. 42

INPUT PORT i ($1 \leq i \leq 16$)

Common Time Reference - CTR/UTC 002

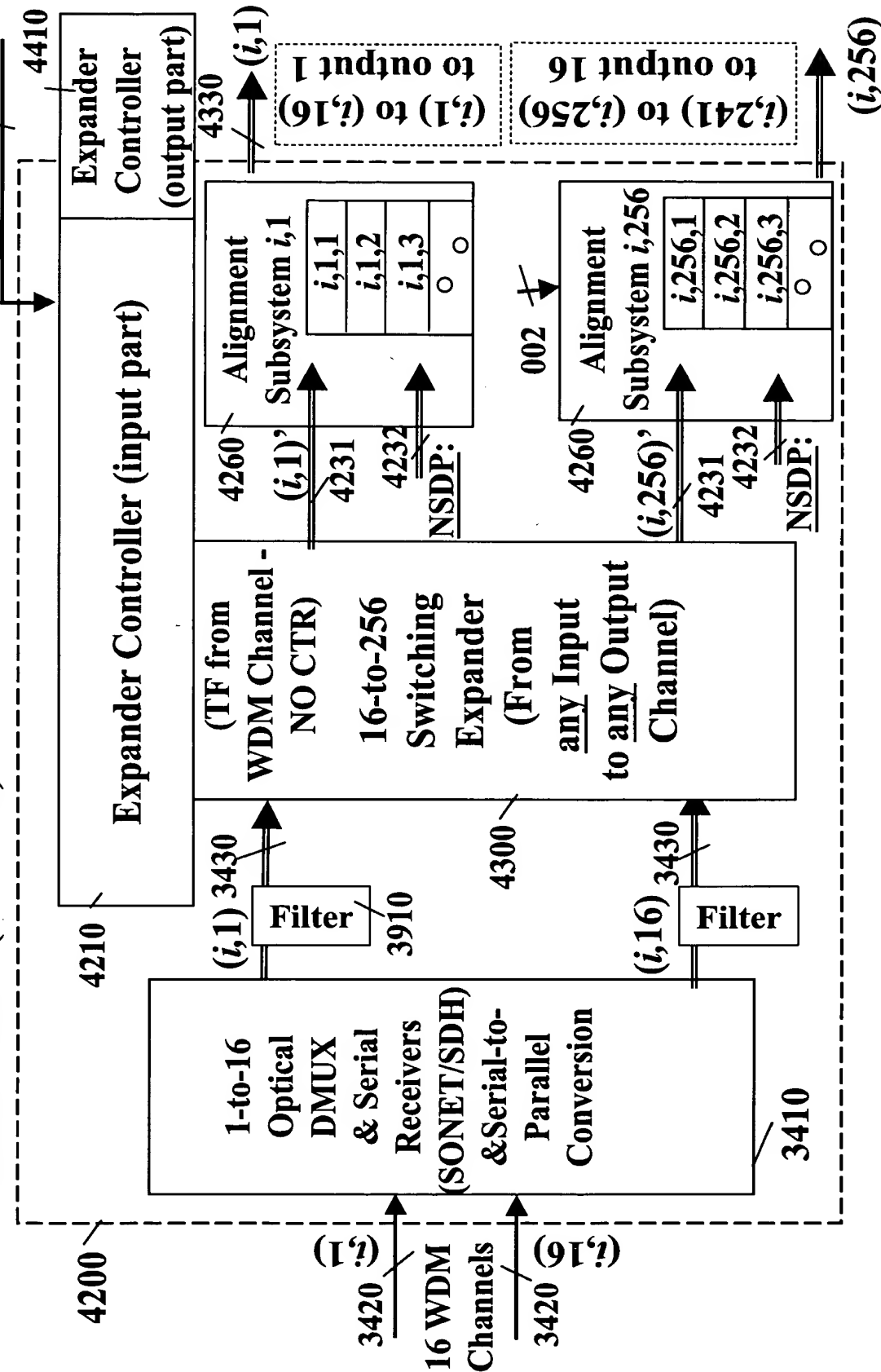
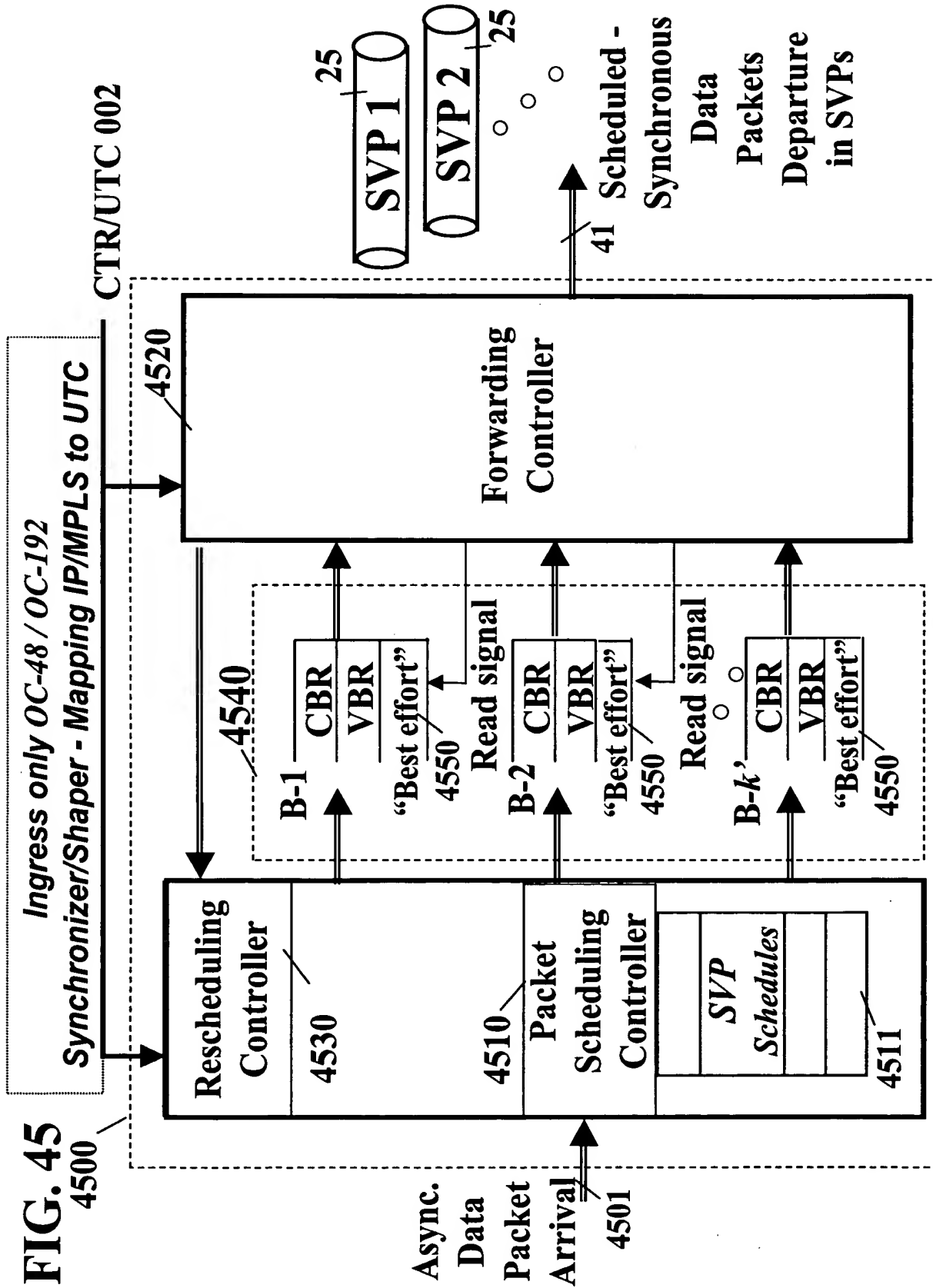


FIG. 45



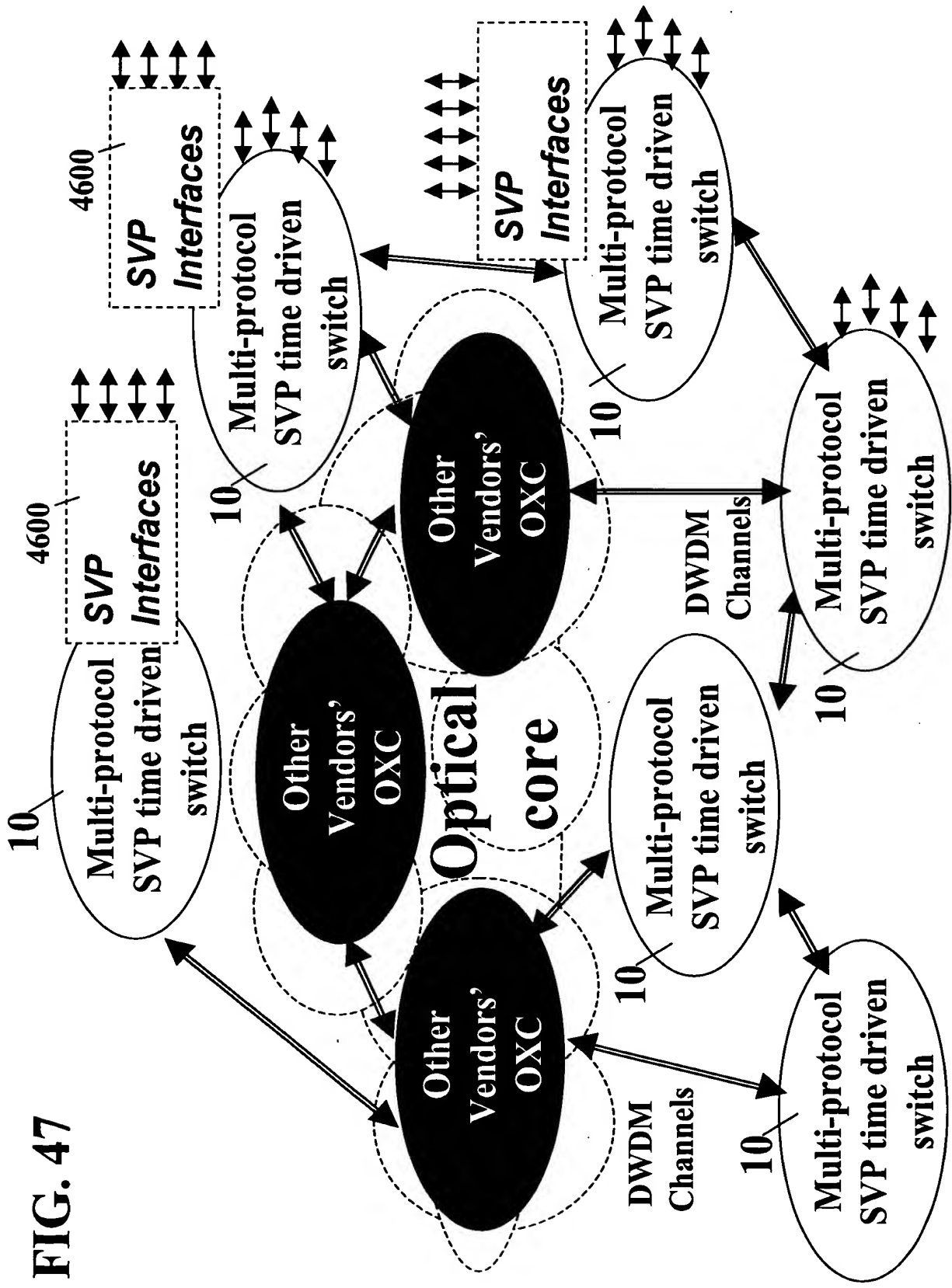


FIG. 47

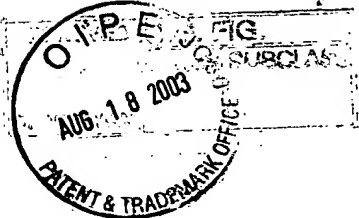


FIG. 48

